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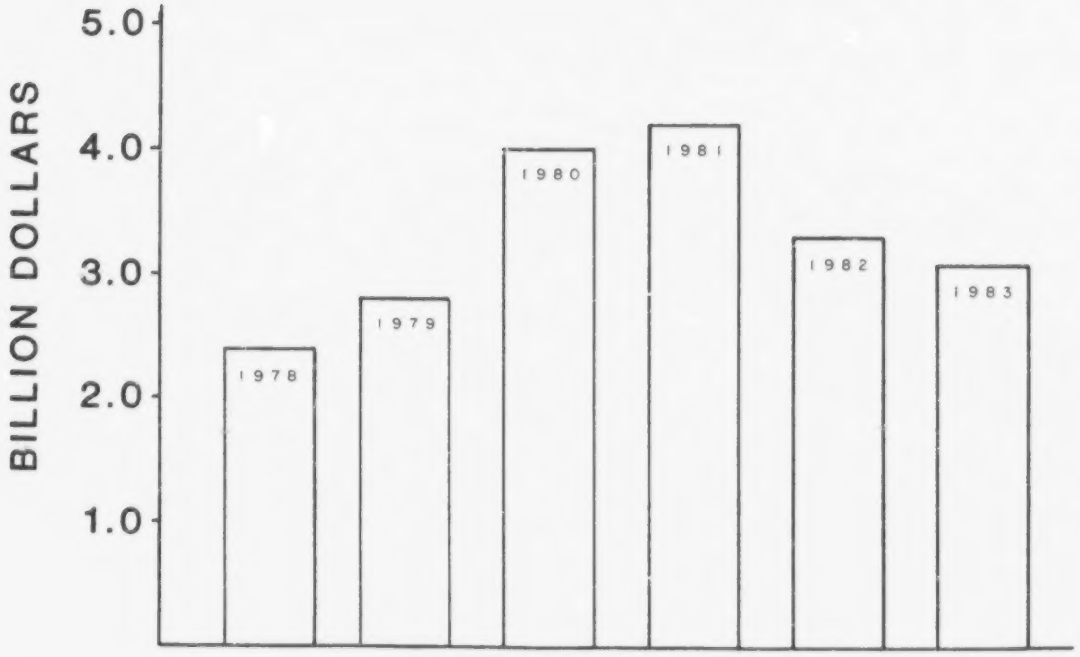
EXPORTS OF AGRICULTURAL COMMODITIES PRODUCED IN CALIFORNIA

ANNUAL BULLETIN CALENDER YEAR 1983

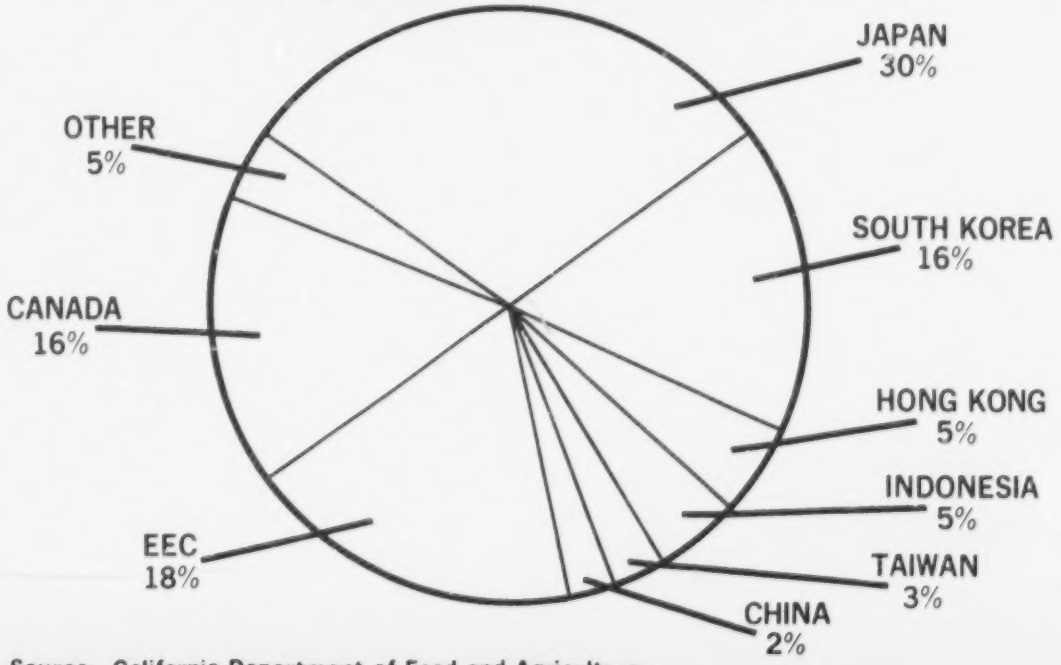
CALIFORNIA CROP AND LIVESTOCK REPORTING SERVICE

CALIFORNIA'S AGRICULTURAL EXPORTS
CALENDAR YEARS 1978-1983



Source: California Department of Food and Agriculture

CALIFORNIA'S AGRICULTURAL EXPORT MARKETS, VALUE BASIS, CALENDAR YEAR 1983



Source: California Department of Food and Agriculture

CALENDAR YEAR 1983

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SOURCES OF CHARTS AND GRAPHS

Inside Front Cover -- California Department of Food and Agriculture
Page 5 -- USDA, Economic Research Service, East Asia, Outlook and Situation Report, April 1984, and Foreign Agriculture, October 1983
Page 11 -- USDA, Economic Research Service, "The U.S. Farmer and World Market Development", October 1983

Cover photo courtesy of American President Lines

DATA INCLUSIONS AND LIMITATIONS: Data sources often differ in what is included or excluded. The following are guidelines for the data used in this report. The fact that various export studies report different numbers is often explained by whether or not it includes or excludes some of the following items or trade patterns.

1. Shipments between the 50 states, Puerto Rico, and U.S. island possessions (Virgin Islands, Guam, etc.) are excluded from the data on which this report is based.

2. Shipments in transit from one country to another through the U.S. are excluded.

3. Shipments to U.S. Armed Forces and Diplomatic Missions abroad for their own use are excluded.

4. Shipments under P.L. 83-480 (Agricultural Trade Development and Assistance Act) and P.L. 87-195 (Act for International Development) are included.

5. Agricultural commodities covered in this report consist of nonmarine food products and agricultural products that have not passed through complex manufacturing processes. Raw hides and skins, vegetable and animal fats and oils, and unrefined wines are included. Such manufactured items as textiles, leather, boots and shoes, baked goods, and distilled alcoholic beverages are not included.

6. Both the California Crop and Livestock Reporting Service and the U.S. Department of Commerce are constantly updating and revising data. The most recent available revision was used at the time of the assembly of this report, April-June 1984.

INFORMATION SOURCES: The following is a list of major sources used in this report.

U.S. Department of Commerce, Bureau of the Census, Foreign Trade Division data series EA622, U.S. Exports, Schedule B Schedule by Schedule B Number by Unit Control by Country of Destination by Customs District of Exportation by Economic Class and Method of Transportation, available on magnetic computer tape.

U.S. Department of Agriculture, Agricultural Statistics, 1983.

U.S. Department of Agriculture, Economic Research Service, Foreign Agricultural Trade of the United States, 1983.

Statistics Canada. Import data from customs records obtained on special order tape.

Agriculture Cananda. Annual Unload Report -- Fresh Fruits and Vegetables on 12 Canadian Markets.

U.S. Department of Agriculture publications: Foreign Agriculture, Foreign Agriculture Circulars Outlook for U.S. Agricultural Exports, Agricultural Outlook, and periodic releases of the Crop Reporting Board.

Federal/State Market News Service Publications. Frequent market reports sometimes include exported commodities.

Marketing Organizations and individuals. Many people supplied opinions and information about the commodities with which they are professionally involved. We wish to thank all those who contributed their expertise.

INTRODUCTION: This 1983 estimate of California's agricultural exports is being published in two sections: (1) the Annual Bulletin and (2) a Statistical Appendix. This makes Table 1-5 of the export report available separately from the Statistical Appendix that contains tables of commodity shipments by country of destination and tables showing all agricultural commodities shipped to selected countries.

Using a calendar year basis complicates comparisons of exports to crop data with varying crop or marketing year cut-off dates. Where crops are harvested late in the year and marketed throughout the following year (e.g. cotton, almonds), the comparisons shown are with the production of the preceding year. Please note footnotes to Table 3 to ascertain whether this delayed comparison system has been used.

The comparisons of both California and U.S. crop values to exports in Table 3 are calculated using average farm level prices at the state and national level. Since exported produce is often of higher than average quality and may represent off-season high value produce in some categories, the use of average prices probably underestimates the value of the exported portion of the crop.

Farm values and quantities used to compare exports to the total crop were taken from existing publications of the California Crop and Livestock Reporting Service and the U.S. Department of Agriculture's Statistical Reporting Service published material. Conversion of commodities from export form to farm production units was done using Statistical Bulletin No. 616, Conversion Factors and Weights and Measures for Agricultural Commodities and Their Products. Table 5 comparisons between California and U.S. total exports are done solely on export values.

The Statistical Appendix containing Tables 6 and 7 is published separately from the current bulletin. In the commodity by country tables, both U.S. and California port data are shown for most agricultural commodities that appear in Table 5. In Table 7, selected U.S. agricultural exports, the portion moving through California port districts, and a separation between sea and air shipments are shown by country. The 25 leading markets for U.S. agricultural products are included.

The final estimates of California's agricultural exports in this bulletin were made using the port data, information from the Canadian government on unloads of fresh fruits and vegetables, and by contacting representatives of commodity groups, exporters, and handlers to obtain their opinions. Each commodity was treated separately and the estimate was made on the best available information. It should be emphasized that these are estimates since exact data are not available.

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California Department of Food and Agriculture

TABLE 1. ESTIMATED VALUE OF CALIFORNIA'S LEADING AGRICULTURAL EXPORTS VALUED AT PORT OF EXPORTATION, CALENDAR YEARS 1982 AND 1983 WITH PERCENTAGE CHANGE

Commodity	Commodity Ranking		Value		Value Change	
	1982	1983	1982	1983	1981-82	1982-83
			1,000 Dollars		Percent	
Cotton Lint	1	1	897,021	858,969	- 9	- 4
Almonds	3	2	236,287	243,167	-23	+ 3
Oranges (Incl. Fresh, Juice, and Oil)	5	3	194,153	241,732	- 5	+25
Grapes (Incl. Fresh, Raisins, and Crushed)	2	4	245,504	212,848	- 6	-13
Rice	6	5	111,091	150,618	-65	+36
Lemons (Incl. Fresh, Juice, and Oil)	8	6	82,156	95,302	-11	+16
Beef Cattle and Products	7	7	91,004	75,512	+ 5	-17
Wheat	4	8	218,458	72,908	-31	-67
Prunes	10	9	71,407	66,805	0	- 6
Peaches (Incl. Canned and Portion of Mixtures)	11	10	59,906	53,209	-19	-11
Walnuts	9	11	77,759	48,277	-12	-38
Alfalfa	17	12	32,188	48,179	- 6	+50
Dairy Cattle and Products	15	13	37,986	46,388	- 2	+22
Tomatoes (Incl. Fresh, and Processed)	13	14	45,169	40,076	-11	-11
Lettuce	14	15	39,379	37,215	+ 7	- 5
Onions	18	16	29,754	28,754	-30	- 3
Strawberries	19	17	21,228	28,676	+64	+26
Celery	23	18	15,533	22,411	+ 8	+44
Dry Beans	16	19	36,034	19,878	-21	-45
Cottonseed	12	20	47,723	19,642	-12	-56
Flowers and Plants	24	21	14,907	17,449	- 7	+17
Grapefruit	21	22	17,457	16,982	- 5	- 3
Pears	22	23	16,864	13,920	-14	-17
Chickens and Eggs	20	24	24,970	13,701	-47	-45
Broccoli	25	25	13,558	13,686	+ 8	+ 1
Remaining Estimated Commodities (See Table 5)			128,382	117,986		
All Other Commodities (See Table 8)			526,501	448,873		
TOTAL			3,311,305	3,053,163	-21	- 8

HIGHLIGHTS OF CALIFORNIA'S AGRICULTURAL EXPORTS
CALENDAR YEAR 1983

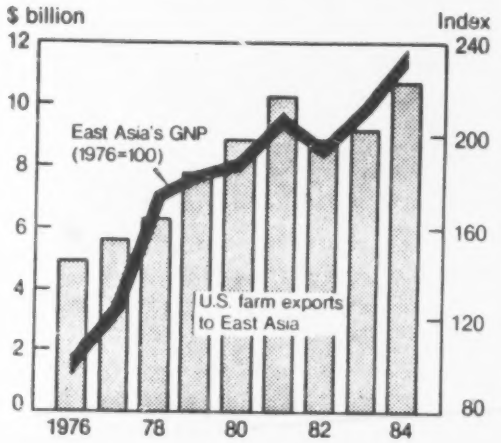
TABLE 1

California's 1983 agricultural exports declined 8 percent from 1982. Just over three billion dollars is the estimated value of the State's farm and ranch products being sold abroad during calendar year 1983, a decline of about one-quarter billion dollars. Even though almonds, rice, and citrus products recovered from the previous year's decline and showed an increase from 1982 to 1983, other leading products including cotton, wheat, grapes, and walnuts declined.

This decline is a result of the strength of the U.S. dollar that is making our exports more expensive for foreign buyers and increasing the ability of competing producers to undersell us. This point is illustrated by a statement from the Director General for Agriculture with the European Common Market, Mr. Claude Villain, speaking in Fresno: "the dollar has increased 60 percent against the composite 'European Currency Unit', and 100 percent against the French franc and the Italian lira since 1982".

With two-thirds of our exports being sold in Asia and another 10 percent to Canada, it is clear that economic factors affecting these areas will determine California's future sales of agricultural products. The accompanying chart provides considerable hope for expanding sales in East Asia (Japan, Korea, Hong Kong, and Taiwan) along with the expanding Gross National Product of the area. Exports to Canada should increase following the economic recovery of 1983-84. Fresh fruits and vegetables from California are a big part of the 1.1 billion dollar value of horticultural products that Canada imported from the U.S. during 1983.

Economic growth drives U.S. farm exports



Canada is Leading Market for U.S. Horticultural Exports

Canada's leadership as a market for U.S. horticultural products is illustrated by the accompanying figure. California's products including fresh produce, canned fruits and vegetables, dried fruits, nuts, juices, and wines make up a large part of this trade. Specialized markets have been developed for fresh wine grapes for home wine making and pressed grape juice that is used by commercial winemakers.

California's future agricultural exports are encouraged by: (1) Containerization of ocean freight as illustrated on our cover, (2) Emphasis on exporting high value and value added agricultural products by USDA's Foreign Agricultural Service, and (3) New state government programs which include the California State World Trade Commission, the publication of an Agricultural Export Directory, and holding a series of four seminars for exporters of agricultural products.

TABLE 2. CALIFORNIA'S AGRICULTURAL EXPORT PROFILE 1983

Commodity	Farm Level Value of Exports as a Percentage of Total Value of Production	CA Export Value as a Percentage of Total U.S. Export Value at Port of Embarcation	Acres Needed To Produce Exports At State Average Yields
	----- Percentage -----		-- Acres --
FIELD CROPS			
Alfalfa Seed	18.0	46.2	10,967
Alfalfa Hay	4.0	43.8	47,813
Barley	0.07	.03	369
Cotton Lint	76.2	50.5	1,042,897
Cottonseed	18.2	17.8	
Dry Beans	23.0	53.3	48,302
Rice	41.8	55.7	223,746
Wheat	37.7	1.1	284,125
FRUITS AND NUTS			
Almonds 1/	53.6	100.0	171,484
Apricots	12.9	100.0	2,970
Avocados	3.7	84.3	5,190
Dates	15.3	100.0	832
Figs	8.7	100.0	424
Grapes			
Fresh	22.5	98.4	18,100
Raisins	24.8	100.0	7,085
Crushed and Canned	1.9	74.3	8,809
Grapefruit	26.3	12.6	5,766
Lemons	44.2	78.0	31,917
Olives	1.2	100.0	1,176
Oranges	24.7	68.3	40,131
Peaches			
Freestone	7.9	79.6	3,754
Clingstone	13.2	100.0	3,348
Pears	6.3	28.4	1,953
Pistachios	5.2	100.0	732
Plums	11.0	82.4	3,753
Prunes	39.9	100.0	27,014
Tangerines	28.7	71.6	1,417
Walnuts	18.2	100.0	31,818
VEGETABLES			
Asparagus	18.0	62.2	3,550
Broccoli	7.7	96.3	6,136
Carrots	8.6	64.4	2,962
Cauliflower	12.7	100.0	4,097
Celery	11.8	97.6	2,273
Garlic	14.5	100.0	2,407
Lettuce	6.5	74.1	9,702
Onions	24.8	49.7	8,519
Bell Peppers	7.4	23.0	616
Potatoes	3.5	35.7	1,944
Strawberries	7.8	96.7	825
Tomatoes			
Fresh	8.3	26.1	2,473
Processing	1.5	84.2	3,479
FLOWERS AND PLANTS	2.4	22.4	
LIVESTOCK AND POULTRY			
Beef Cattle and Products	3.2	3.9	
Dairy Products	2.5	12.4	
Sheep	4.2	9.3	
Chickens and Eggs	2.5	4.1	
Turkeys	2.0	15.9	
TOTAL	21.9	8.6	2,809,745

CALIFORNIA'S AGRICULTURAL EXPORT PROFILE, 1983

TABLE 2

International trade's importance to California's ranchers and growers continues even with a decline in the value of our exports. Table 2 shows three measures of this importance:

(1) The farm level value of exports as a percentage of the value of production - a measure that ranges from 76 percent of cotton lint to less than 2 percent for olives and processing tomatoes.

(2) California's portion of U.S. agricultural exports - in 14 crops we provide 95-100 percent of the U.S. exports and we produce 8.6 percent of all U.S. agricultural exports.

(3) The acreage needed to grow produce for export - over 2.8 million acres that represent 32 percent of California's cropland harvested in 1983. This estimate is based on state average yields.

Leading our exports are:

Cotton - Not only our most valuable export, but with three out of four bales going abroad, it is primarily dependent on sales to such apparel makers as Japan, South Korea, Hong Kong, Singapore, and Taiwan. Of the medium to long staple cotton exported by the U.S., California provides just over half (50.5 percent). More than one million acres are used to produce this number one export product.

Almonds - Returning to the number two rank after being displaced for two years, almonds are California's and the Nation's leading horticultural export. Commercially grown exclusively in the Golden State, the market abroad has been developed to purchase more than half the crop and this requires an estimated 171,500 acres calculated at 1982 average yields due to the lag between harvest and sale. Because of the calendar year approach to exports, this estimate varies from the almond industry's marketing year data.

Oranges - Also regaining some of their former prominence, oranges from an estimated 40,000 acres were shipped abroad in 1983. California dominates the fresh orange market with high quality Navels during the winter and Valencias throughout the summer. When orange juice and oil are included, 68.2 percent of the U.S. orange exports originated in California and our orange growers counted on international markets for selling one-fourth (24.7 percent) of their crop.

Grapes - Declines in all categories (fresh, dried, and crushed) were registered in exports of the products of California's vineyards. Raisin values were depressed by increasing competition in the European market from cheaper, government-subsidized Greek raisins. The strong dollar also increased the prices of our table grapes and wines, making competition with Mediterranean products (French, Italian, Portuguese, and Greek) more difficult throughout the world markets.

Rice - Slowly regaining its overseas markets in 1983, the rice industry in California exported four bags out of ten grown in 1982 (41.8 percent). This is over half of the U.S. exports (55.7 percent) and required nearly a quarter-million acres (223,746) when calculated at average yields.

TABLE 3. CALIFORNIA'S PRINCIPAL CROP AND LIVESTOCK COMMODITIES ESTIMATED FARM VALUE OF PRODUCTION AND COMPARABLE FARM VALUE OF EXPORTS WITH COMPARISON TO U.S. TOTAL, 1983

Commodity	Unit	1983 California Total Quantity of		1983 California Farm Value of		Farm Level Export Value as Percent of Production	
		Production	Exports	Production	Exports	California	U.S.
		- - 000 Units - -		- - 000 Dollars - -		- - Percent - -	
FIELD CROPS							
Alfalfa Seed	Lbs.	39,060	6,909	41,404	7,324	18.0	N/A
Alfalfa Hay	S/Tons	6,080	306	662,244	26,469	4.0	0.5
Barley	Bu.	29,400	19	95,550	62	.1	14.0
Cotton Lint 1/	Rba.	3,073	2,340	986,802	751,569	76.2	41.7
Cottonseed 1/	S/Tons	1,261	232	115,840	21,039	18.2	26.8
Dry Beans	Cwt.	2,357	825	83,531	19,215	23.0	8.4
Rice 1/	Cwt.	35,848	14,991	238,389	99,691	41.8	28.2
Wheat	Bu.	47,900	18,184	193,175	72,734	37.7	54.5
FRUITS AND NUTS							
Almonds 1/	S/Tons	174	89	311,140	166,627	53.6	53.6
Apricots	S/Tons	91	12	27,846	3,591	12.9	12.0
Avocados	S/Tons	201	15	91,857	3,428	3.7	3.9
Dates	S/Tons	19	4	16,778	2,571	15.3	15.3
Figs	S/Tons	29	1	7,533	654	8.7	8.7
Grapes: All Fresh	S/Tons	630	120	265,020	59,743	22.5	20.9
All Raisins 1/	S/Tons	292	61	284,409	70,581	24.8	24.8
All Processed 1/	S/Tons	3,158	54	498,525	10,841	1.9	1.8
Grapefruit -- 64# Boxes	Box	1,300	1,972	24,346	6,415	26.3	29.4
Lemons -- 76# Boxes	Box	19,900	8,809	87,404	35,243	44.2	40.9
Olives	S/Tons	56	2	75,795	941	1.2	1.2
Oranges -- 75# Boxes	Box	73,200	17,417	442,556	109,402	24.7	14.5
Peaches: Freestone 3/	S/Tons	218	33	104,880	8,287	7.9	4.6
Clingstone	S/Tons	310	37	55,710	7,366	13.2	13.2
Pears	S/Tons	268	19	46,410	2,905	6.3	4.7
Pistachios 1/	Lbs.	4,340	1,124	63,068	3,285	5.2	5.2
Plums	S/Tons	158	17	69,007	7,561	11.0	11.5
Prunes	S/Tons	140	57	92,314	36,810	39.9	39.9
Tangerines -- 75# Boxes	Box	2,120	350	12,464	3,572	28.7	13.7
Walnuts 1/	S/Ton	234	42	238,680	43,475	18.2	18.2
VEGETABLE CROPS							
Asparagus	Cwt.	636	71	49,876	8,993	18.0	N/A
Broccoli	Cwt.	6,981	540	170,132	13,178	7.7	8.0
Carrots	Cwt.	11,422	850	123,653	8,882	8.6	3.3
Cauliflower	Cwt.	4,117	422	106,674	13,542	12.7	11.2
Celery	Cwt.	11,965	1,416	234,764	14,156	11.8	8.2
Garlic	Cwt.	2,344	339	35,127	5,082	14.5	14.5
Lettuce	Cwt.	44,287	2,901	541,686	35,390	6.5	5.8
Onions	Cwt.	11,208	2,726	91,096	22,591	24.8	14.1
Bell Peppers	Cwt.	2,374	144	36,203	2,675	7.4	N/A
Potatoes	Cwt.	19,949	690	176,220	6,109	3.5	6.0
Strawberries	Cwt.	2,133	429	279,283	21,819	7.8	5.7
Tomatoes: Fresh	Cwt.	7,050	591	139,176	43,706	8.3	6.7
Processed 2/	S/Tons	5,973	89	403,794	5,958	1.5	1.5
FLOWERS AND PLANTS				722,050	17,449	2.4	
LIVESTOCK AND POULTRY							
Beef: Cattle and Calves				888,564	28,394	3.2	2.6
Dairy Products				1,947,565	49,024	2.5	3.4
Sheep				42,107	1,775	4.2	3.9
Chickens				629,899	15,586	2.5	2.7
Turkeys				145,642	2,934	2.0	1.6

1/ 1983 exports compared to 1982 crop due to lag in time of sale after harvest.
2/ Compared to an average of the 1981 and 1982 crops.
3/ Includes nectarines.
N/A Not available.

COMPARISON OF CALIFORNIA'S AGRICULTURAL PRODUCTION WITH ESTIMATED EXPORTS

TABLE 3

The farmgate value of exports is shown in Table 3 and compared to total state production as estimated by the California Crop and Livestock Reporting Service or the Summary of California County Agricultural Commissioners' Reports. This farmgate value comparison is made using quantities exported valued at state average prices and varies significantly from the value declared at the port of embarcation used in Table 1. In some products, the high quality selection process and special packing required for overseas markets augments the value considerably. A comparison of California to U.S. exports is computed on the same basis: valuing exported quantities at national average farmgate prices.

Calendar year export data does not coincide with the varying harvest periods and marketing years of California's diverse production. In noted cases, the comparison of exports to production is made with the previous calendar year's crop since considerable delay is encountered in shipping products harvested late in the year.

FIELD CROPS

Cotton remains the major agricultural product exported from California's farms and ranches with three-fourths being sold abroad. Both production and exports declined and the strong dollar, increased competition, and Mainland China's curtailed purchases were instrumental in this downward trend.

While 1983 rice exports increased, California wheat sales abroad decreased. Alfalfa hay in cube form and alfalfa seed together made a 50 percent increase in value exported from 1982 to 1983, the largest percentage gain among the separately estimated commodities.

FRUIT AND NUT CROPS

Almonds returned to the number two place in California's agricultural exports during 1983 and oranges moved into the third rank, emphasizing the ability of these two California specialties to maintain markets abroad. Both also reflect a continued demand that has been carefully fostered over prolonged periods by large cooperative organizations. Grapes, walnuts, and peaches have declined in value exported following the general trend. Lemons, avocados, and strawberries gained in export value between 1982 and 1983 while pears, plums, and dates declined. Pistachios have been added since a separate category in the export data has been created for them.

VEGETABLES, FLOWERS, AND BERRIES

Although tomatoes, onions, and lettuce declined in value exported, they remain the leading vegetables going into international trade. Asparagus and potatoes also declined, but broccoli and celery gained. Cauliflower has been added to the list of separate crop estimates this year since it has risen to nearly equal broccoli, both of which are popular among Canadian consumers.

LIVESTOCK AND POULTRY

Estimating the quantity and values of livestock products being exported and comparing this to a farm value is complicated by the variety of products reported - hides, tallow, offal, meats, and live animals, for example. Also, the valuations assigned to dairy products donated to foreign nutrition programs from U.S. government stockpiles do not reflect their market value.

Exports of poultry and poultry products declined again with the largest drop being recorded in the exports of eggs and egg products. Increasing competition in the Far East from Mainland China and the failure to sell in the Middle Eastern markets due to the stronger dollar and increased competition from European sources are among the factors contributing to this decline.

CHANGES OVER FIVE YEARS

TABLE 4

Changes in value of California's exports of selected leading commodities and the total exports over the five-year period 1979-1983 are shown in Table 4. The total change for the five years is a 9 percent gain, even though the last two years have shown declines overall. A wide variation exists between commodities: strawberries and oranges have more than doubled while wheat and cottonseed have declined 66 percent and 49 percent, respectively. The peak for most commodities was in 1981. No adjustments have been made in these values for inflation.

TABLE 4. VALUE OF EXPORTED COMMODITIES PRODUCED IN CALIFORNIA, 1979-83

Commodity	1979	1980	1981	1982	1983	Percent Change 1979-83
	- - - - - Value in Thousand Dollars - - - - -					
Cotton Lint	805,180	1,135,559	989,253	897,021	858,969	+ 7
Almonds	286,952	429,817	307,324	236,287	243,167	- 15
Grapes	176,627	230,864	260,766	245,504	212,848	+ 21
Oranges	106,429	177,094	204,749	194,153	241,732	+127
Lemons	97,498	93,210	92,044	82,156	95,302	- 2
Wheat	165,110	283,145	315,844	218,242	72,908	- 66
Rice	147,022	318,808	321,440	111,091	150,618	+ 2
Cattle Products	109,012	91,762	86,695	91,004	75,512	- 31
Prunes	55,117	64,861	71,291	71,407	66,805	+ 21
Peaches	62,513	75,372	73,986	59,906	53.209	- 15
Walnuts	54,597	82,957	88,503	77,759	48,277	- 12
Cottonseed	38,366	50,633	54,212	47,723	19,642	- 49
Tomatoes	50,521	43,782	50,648	45,169	40,076	- 11
Lettuce	27,246	29,740	36,709	39,379	37,215	+ 37
Alfalfa	33,179	42,276	34,162	32,188	48,179	+ 45
Dairy Cattle and Products	30,768	42,277	38,905	37,986	46,388	+ 51
Dry Beans	24,879	42,093	45,674	36,034	19,878	- 20
Onions	20,901	28,497	42,448	29,754	28,754	+ 38
Chickens and Products	15,539	43,801	36,588	24,970	13,701	- 12
Pears	15,483	18,477	19,602	16,864	13,920	- 10
Celery	14,394	11,476	14,418	15,533	22,411	+ 56
Flowers and Plants	14,174	13,052	16,081	14,907	17,449	+ 23
Strawberries	12,109	16,374	12,953	21,228	28,676	+137
Grapefruit	9,676	17,821	18,361	17,457	16,982	+ 75
Plums	9,311	13,278	14,591	13,181	11,924	+ 28
TOTAL	2,800,663	3,997,823	4,198,165	3,311,305	3,053,163	+ 9

CALIFORNIA'S SHARE OF THE NATION'S AGRICULTURAL EXPORTS

TABLE 5

California's estimated agricultural exports for calendar year 1983 are presented in Table 5 on an individual item basis. U.S. total agricultural exports of each item are also shown, and the share of the Nation's exports produced in California is calculated using this data. The results are not always in agreement with the USDA production share approach to estimating each state's portion of U.S. exports. The total in Table 5 is a 24 percent increase over the California total calculated using the production share approach.

The estimated values in Table 5 are based on port declarations and include freight, insurance, and port charges. These values are notably different from the farmgate values shown in Table 3.

Using these port values, California exports about one in every twelve dollars of total U.S. agricultural exports. While California produces about half of the nation's total fruits, nuts, and vegetables, 77 percent of the exports of these commodities come from the Golden State. The total U.S. export value is heavily weighted with commodities such as soybeans, and tobacco that are not produced in Cal'fornia. Among the state's crops, there are 28 where more than half of the exported portion comes from California. Of these, eleven are 100 percent from California including almonds, apricots, dates, figs, olives, pistachios, prunes, walnuts, garlic, cauliflower, and Ladino clover seed.

To arrive at the estimates in Table 5, each selected commodity was individually studied. For some that are grown only in California, the national export data are immediately applicable. For others that are produced in states outside California, modifications are made using California port data and opinions and information from commodity traders and exporters. Additional information on shipments of fruits and vegetables to Canada was obtained from the Canadian government.

Only when California grown products are not easily identifiable (hides and skins, tallow, meats, and poultry, for example) is the California share of U.S. production used in estimating the portion of U.S. exports produced in California. This system is also used to calculate the "all other" category using factors obtained from the Economic Research Service of the U.S. Department of Agriculture. The factors were calculated for 15 groups of commodities not listed separately in Table 5 and applied to the U.S. totals that are shown in Table 8 of the Statistical Appendix to this bulletin.

In the graph at the right, the relationship between farm prices and exports is illustrated at the national level. California shares in this decline in proportion to its share of U.S. exports as shown in Table 5. The strong dollar and increased competition are reducing the incomes of California's ranchers and growers.

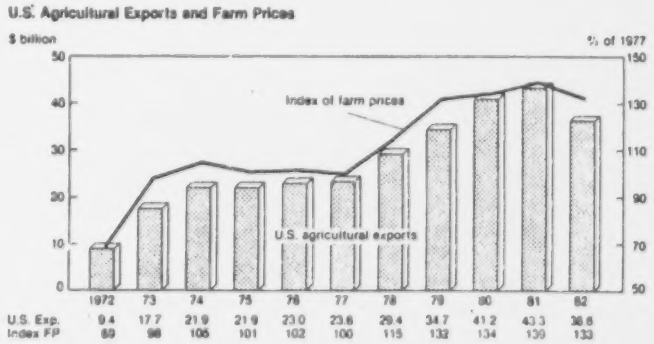


TABLE 5. CALIFORNIA'S PRINCIPAL AGRICULTURAL EXPORTS WITH COMPARISONS TO U.S. TOTAL AGRICULTURAL EXPORTS, CALENDAR YEAR 1983

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Percentage of U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 $	000 Units	000 $	Percent
FIELD CROPS						
ALFALFA						
Alfalfa Hay Cubes	Stn.	235	30,961	432	56,977	
Alfalfa Meal, Dehydrated	Stn.	1	87	65	8,040	
Alfalfa Meal, Sun Cured	Stn.	70	8,289	202	24,739	
Alfalfa Seed, Uncertified	Lb.	1,053	1,036	4,551	3,928	
Alfalfa Seed, Certified	Lb.	5,856	7,806	10,059	12,952	
SUBTOTAL -- ALL ALFALFA			48,179		106,636	45.2
BARLEY						
Barley, Unmilled	Bu.	19	55	69,877	195,682	.03
COTTON						
Cotton: 1" to 1-1/8"	Rba.	2,170	756,928	4,314	1,497,962	
Cotton: Other > 1-1/8"	Rba.	258	97,910	499	186,824	
Cotton Linters: Felting Grade	Lb.	126	20	10,962	1,632	
Cotton Linters: Other	Lb.	35,162	4,111	119,774	14,623	
SUBTOTAL -- ALL COTTON			858,969		1,701,041	50.5
COTTONSEED						
Cottonseed	Lb.	57	21	4,193	1,615	
Cottonseed Oil, Crude	Lb.	4,173	1,095	33,498	7,034	
Cottonseed Oil, Once Refined	Lb.	53,822	12,630	356,457	90,833	
Cottonseed Oil, Other	Lb.	16,813	4,606	32,278	8,395	
Cottonseed Oil, Cake & Meal	Stn.	0	8	1	227	
Cottonseed Oil, Hydrogenated	Lb.	3,729	1,282	7,213	2,538	
SUBTOTAL -- ALL COTTONSEED			19,642		110,642	17.8
DRY BEANS						
Lima Beans	Lb.	29,772	7,970	29,772	7,970	
White Beans	Lb.	0	0	11,000	2,182	
Red Kidney Beans	Lb.	11,607	3,486	11,607	3,486	
Blackeye Beans (Cowpeas)	Lb.	19,064	4,672	20,067	4,918	
Other Beans	Lb.	22,023	3,750	100,105	17,046	
Other Peas (Garbonzos)	Lb.	0	0	6,409	1,641	
SUBTOTAL -- ALL DRY BEANS			19,878		32,243	53.3
LADINO CLOVER SEED						
Ladino Clover Seed	Lb.	2,032	3,190	2,032	3,190	100.0
RICE						
Rice, Paddy or Rough	Lb.	171,537	14,804	195,173	17,298	
Rice, Husked, Brown, Medium	Lb.	636,142	70,744	677,463	76,393	
Rice, Husked, Brown, Short	Lb.	392	82	791	157	
Rice, Husked, Brown, Mixed	Lb.	118	14	3,523	582	
Rice, Parboiled, Other	Lb.	147	38	13,977	2,848	
Rice, Milled, Medium	Lb.	344,166	61,908	848,235	134,761	
Rice, Milled, Short	Lb.	1,947	521	15,015	3,848	
Rice, Milled, Mixed	Lb.	12,698	1,301	60,843	6,991	
Rice, Milled > 74% Broken	Lb.	6,787	1,061	25,794	2,681	
Rice, Milled, Other	Lb.	9	1	134	20	
Rice, Milled, for Relief	Lb.	766	128	106,342	15,085	
Rice Byproducts	Stn.	0	16	103	9,569	
SUBTOTAL -- ALL RICE			150,618		270,233	55.7

TABLE 5. CALIFORNIA'S PRINCIPAL AGRICULTURAL EXPORTS WITH COMPARISONS TO U.S TOTAL AGRICULTURAL EXPORTS, CALENDAR YEAR 1983 (cont'd)

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Percentage of U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 $	000 Units	000 $	Percent
WHEAT						
Wheat, Unmilled, Relief	Bu.	---	---	5,699	22,264	
Wheat, Unmilled, Not Relief	Bu.	18,184	72,734	1,407,621	6,212,991	
Wheat Flour, Relief	Cwt.	---	---	6,592	31,938	
Wheat Flour, Not Relief	Cwt.	8	132	33,733	232,499	
Wheat Flour, Durum & Semolina	Cwt.	2	39	894	8,803	
Wheat Bulgur, Relief	Cwt.	---	---	10,134	39,880	
Wheat Bulgur, Not Relief	Cwt.	---	---	701	7,055	
Wheat, Other NEC	Cwt.	1	3	28	125	
Wheat Byproducts	Stn.	---	---	31	3,015	
SUBTOTAL -- ALL WHEAT			72,908		6,558,570	1.1
FRUIT AND NUT CROPS						
ALMONDS						
Almonds, Not shelled	Lb.	6,522	7,224	6,522	7,224	
Almonds, Shelled	Lb.	126,669	166,010	126,669	166,010	
Almonds, Prepared/Preserved	Lb.	47,197	69,933	47,197	69,933	
SUBTOTAL -- ALL ALMONDS			243,167		243,167	100.0
APRICOTS						
Dried Apricots (incl. Peaches, Nectarines, and Pears)	Lb.	3,226	4,685	3,226	4,685	
Apricots, Prepared/Preserved	Lb.	1,692	717	1,692	717	
SUBTOTAL -- ALL APRICOTS			5,402		5,402	100.0
AVOCADOS						
Fresh Avocados	Lb.	14,999	10,036	18,558	11,906	84.3
DATES						
Dried Dates	Lb.	7,324	7,411	7,324	7,411	100.0
FIGS						
Dried Figs	Lb.	1,697	1,662	1,697	1,662	100.0
GRAPES						
Fresh	Lb.	240,409	85,019	244,213	86,401	
Dried Raisins	Lb.	122,430	90,243	122,430	90,243	
Wines, Not Over 14% Alcohol	W/Gal.	6,078	25,153	6,398	26,477	
Other Wines from Grapes	W/Gal.	889	4,213	936	4,435	
Other Fermented Alcoholic Beverages	Gal.	262	1,160	276	1,221	
Grape Juice, Not Concentrated	Gal.	999	781	3,159	2,960	
Grape Juice, Concentrated, Frozen	S/S Gal.	381	757	3,686	7,032	
Grape Juice, Concentrated, Not Frozen	S/S Gal.	593	843	2,495	3,802	
Canned Mixture (16% Grapes)	Lb.	10,932	4,679	10,932	4,679	
SUBTOTAL -- ALL GRAPES			212,848		227,250	93.7
GRAPEFRUIT						
Fresh Grapefruit	Lb.	74,480	12,900	677,090	117,269	
Grapefruit Juice, Not Concentrated	Gal.	542	1,047	2,710	5,237	
Grapefruit Juice, Concentrated, Frozen	S/S Gal.	2,057	2,610	10,286	13,045	
Grapefruit Juice, Concentrated, Not Frozen	S/S Gal.	273	425	1,364	2,126	
SUBTOTAL -- ALL GRAPEFRUIT			16,982		137,677	12.0

TABLE 5. CALIFORNIA'S PRINCIPAL AGRICULTURAL EXPORTS WITH COMPARISONS TO U.S TOTAL AGRICULTURAL EXPORTS, CALENDAR YEAR 1983 (cont'd)

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Percentage of U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 $	000 Units	000 $	Percent
LEMONS						
Fresh Lemons	Lb.	276,078	72,882	353,946	93,439	
Other Citrus, Not Concentrated	Gal	1,428	2,353	1,785	2,941	
Other Citrus, Concentrated, Frozen	S/S Gal.	12,176	11,642	15,220	14,553	
Other Citrus, Concentrated, Not Frozen	S/S Gal.	1,526	1,800	1,908	2,250	
Lemon Oil	Lb.	1,503	6,625	2,031	8,953	
SUBTOTAL -- ALL LEMONS			95,302		122,136	78.0
TANGERINES						
Fresh Tangerines	Lb.	26,266	5,199	35,787	7,262	71.6
ORANGES						
Fresh Oranges	Lb.	1,020,127	207,514	1,020,127	220,760	
Orange Juice, Not Concentrated	Gal.	1,653	3,519	6,358	13,536	
Orange Juice, Concentrated, Frozen, < 32 oz.	S/S Gal.	7,224	13,901	26,754	53,464	
Orange Juice, Concentrated, Frozen, 32 oz. - 1 Gal.	S/S Gal.	2,226	3,376	7,951	12,986	
Orange Juice, Frozen > 1 Gal.	S/S Gal.	10,680	10,442	36,829	40,160	
Orange Juice, Concentrated, Not Frozen	S/S Gal.	1,676	2,110	5,585	8,116	
Orange Oil	Lb.	617	870	5,082	5,116	
SUBTOTAL -- ALL ORANGES			241,732		354,138	68.3
SUBTOTAL -- ALL CITRUS			359,215		621,213	57.8
OLIVES						
Canned Olives	Lb.	2,671	2,048	2,671	2,048	
Other Olives	Lb.	1,180	702	1,180	702	
SUBTOTAL -- ALL OLIVES			2,750		2,750	100.0
PEACHES						
Fresh Peaches & Nectarines	Lb.	65,249	19,814	81,265	24,900	79.6
Canned Peaches	Lb.	57,810	20,234	57,810	20,234	
Canned Mixtures (45% Peaches)	Lb.	30,745	13,161	30,745	13,161	100.0
SUBTOTAL -- ALL PEACHES			53,209		58,295	91.2
PEARS						
Fresh Pears	Lb.	15,073	3,592	67,668	18,061	
Canned Pears	Lb.	2,591	1,086	4,172	1,748	
Canned Mixtures (30% Pears)	Lb.	21,590	9,242	21,590	29,246	
SUBTOTAL -- ALL PEARS			13,920		49,055	28.4
PISTACHIOS						
Pistachios, Not Shelled	Lb.	2,971	6,606	2,971	6,606	
Pistachios, Shelled	Lb.	635	1,478	635	1,478	
Pistachios, Prepared or Preserved	Lb.	275	718	275	718	
SUBTOTAL -- ALL PISTACHIOS			8,802		8,802	100.0
PLUMS						
Fresh Plums	Lb.	34,601	11,924	42,008	14,470	82.4

TABLE 5. CALIFORNIA'S PRINCIPAL AGRICULTURAL EXPORTS WITH COMPARISONS TO U.S. TOTAL AGRICULTURAL EXPORTS, CALENDAR YEAR 1983 (cont'd)

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Percentage of U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 $	000 Units	000 $	Percent
PRUNES						
Dried Prunes	Lb.	114,674	66,805	114,674	66,805	100.0
WALNUTS						
Walnuts, Not Shelled or Preserved	Lb.	59,685	34,631	59,685	34,631	
Walnuts, Shelled	Lb.	9,573	13,646	9,573	13,646	
SUBTOTAL -- ALL WALNUTS			48,277		48,277	100.0
VEGETABLES, FLOWERS & BERRIES						
ASPARAGUS						
Fresh Asparagus	Lb.	6,700	7,847	13,507	11,580	
Canned Asparagus	Lb.	357	368	2,366	1.623	
SUBTOTAL -- ALL ASPARAGUS			8,215		13,203	62.2
BROCCOLI						
Fresh Broccoli	Lb.	54,012	13,686	56,007	14,213	96.3
CABBAGE						
Fresh Cabbage	Lb.	16,683	2,000	29,842	3,181	62.9
CARROTS						
Fresh Carrots	Lb.	83,018	8,364	69,257	12,071	
Frozen Carrots	Lb.	1,989	518	6,631	1,726	
SUBTOTAL -- ALL CARROTS			8,882		13,797	64.4
CAULIFLOWER	Lb.	42,187	13,454	42,187	13,454	100.0
CELERY						
Fresh Celery	Lb.	141,555	22,411	144,124	22,955	97.6
GARLIC						
Fresh Garlic	Lb.	10,604	4,660	10,604	4,660	
Dried Garlic	Lb.	5,819	6,070	5,819	6,070	
SUBTOTAL -- ALL GARLIC			10,730		10,730	100.0
LETTUCE						
Fresh Lettuce	Lb.	290,084	37,215	372,156	50,228	74.1
ONIONS						
Fresh Onions	Lb.	53,840	3,136	183,163	23,172	
Dried Onions	Lb.	218,745	25,618	33,247	34,686	
SUBTOTAL -- ALL ONIONS			28,754		57,858	49.7
PEPPERS						
Fresh Peppers	Lb.	144	2,675	57,855	11,624	23.0
POTATOES						
Fresh Potatoes	Lb.	68,981	7,896	184,973	21,417	
Potatoes for Seed	Lb.	50	3	10,748	700	
SUBTOTAL -- ALL POTATOES			7,899		22,117	35.7

TABLE 5. CALIFORNIA'S PRINCIPAL AGRICULTURAL EXPORTS WITH COMPARISONS TO U.S. TOTAL AGRICULTURAL EXPORTS, CALENDAR YEAR 1983 (cont'd)

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Percentage of U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 $	000 Units	000 $	Percent
TOMATOES						
Fresh Tomatoes	Lb.	59,197	12,553	175,525	48,008	
Canned Tomato Pulp (Puree)	Lb.	734	275	864	323	
Canned Tomato Sauce (Ex. Chili)	Lb.	5,696	2,168	6,701	2,551	
Canned Tomato Paste	Lb.	20,369	9,498	23,964	11,175	
Canned Other Tomatoes	Lb.	11,892	3,585	13,991	4,218	
Tomato Juice and Vegetable Juice (> 70% Tomato)	Gal.	1,677	3,637	1,973	4,279	
Catsup and Chili Sauce	Lb.	19,932	8,360	23,449	9,835	
SUBTOTAL -- ALL TOMATOES			40,076		80,389	49.9
FLOWERS AND PLANTS						
Cut Flowers	--		5,098		9,803	
Other Cut Plant Materials	--		400		22,020	
Bulbs, Roots, Corms, Etc.	--		294		3,668	
Fruit and Nut Plants	--		989		5,188	
Rose Plants	--		1,107		2,213	
Nursery Stocks, N.S.P.F.	--		3,884		28,863	
Flower Seeds	Lb.		5,677		6,308	
SUBTOTAL -- ALL FLOWERS AND PLANTS			17,449		78,063	22.4
STRAWBERRIES						
Fresh Strawberries	Lb.	40,476	26,268	39,996	26,167	
Frozen Strawberries	Lb.	4,073	2,408	5,886	3,480	
SUBTOTAL -- ALL STRAWBERRIES			28,676		29,647	96.7
LIVESTOCK AND POULTRY						
BEEF, CATTLE, AND PRODUCTS						
Beef Bulls, for Breeding	No.	1	476	5	5,114	
Beef Females, for Breeding	No.	3	1,913	20	13,581	
Cattle, Not for Breeding	No.	0	87	17	7,444	
Beef, Fresh or Frozen, with Bone	Lb.	884	1,658	21,761	40,833	
Beef, Fresh or Frozen, w/o Bone	Lb.	6,214	11,986	153,047	295,231	
Veal, Fresh or Frozen	Lb.	151	200	3,710	4,920	
Beef Tongues, Fresh or Frozen	Lb.	2,874	2,203	70,797	54,253	
Beef Livers, Fresh or Frozen	Lb.	4,106	1,708	101,133	42,071	
Other Beef Offal	Lb.	7,780	4,900	191,630	120,681	
Veal Offal	Lb.	89	39	2,189	969	
Beef, Excluding Carcass	Lb.	522	1,162	12,857	28,612	
Veal, Excluding Carcass	Lb.	14	44	341	1,075	
Beef and Veal, Canned	Lb.	142	129	3,491	3,175	
Beef and Veal, Otherwise Prepared	Lb.	403	730	9,920	17,975	
Whole Cattle Hides	Pc.	785	26,878	21,281	728,407	
Whole Calf Skins	Pc.	81	785	2,204	21,285	
Cut Cattle Hides/Spec. Cuts	Pc.	21	273	579	7,398	
Other Cut Cattle Hides	Lb.	1,213	235	32,858	6,369	
Tallow, Edible	Lb.	3,830	747	103,796	20,242	
Tallow, Inedible	Lb.	106,062	19,360	2,874,319	529,653	
SUBTOTAL -- ALL CATTLE & PRODUCTS			75,512		1,944,288	3.9

TABLE 5. CALIFORNIA'S PRINCIPAL AGRICULTURAL EXPORTS WITH COMPARISONS TO U.S. TOTAL AGRICULTURAL EXPORTS, CALENDAR YEAR 1983 (cont'd)

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Percentage of U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 $	000 Units	000 $	Percent
DAIRY, CATTLE AND PRODUCTS						
Dairy Bulls, for Breeding	No.	0	321	2	3,337	
Dairy Females, for Breeding	No.	1	1,007	12	14,560	
Bull Semen	--	0	10,544	0	25,564	
Fluid Milk and Cream	Gal.	412	1,475	1,979	5,245	
Evap. Milk and Cream, Canned	Lb.	3,233	1,627	5,009	2,513	
Condensed Milk and Cream, Canned	Lb.	22	12	337	96	
Evap. or Cond. Milk and Cream, Bulk	Lb.	207	89	275	112	
Nonfat Dry Milk, Relief	Lb.	24,172	6,588	249,588	72,834	
Nonfat Dry Milk, Not Relief	Lb.	29,427	8,812	266,662	98,779	
Other Dried Milk and Cream	Lb.	1,550	1,011	54,971	27,237	
Butter	Lb.	124	157	60,793	38,856	
Cheddar Cheese	Lb.	66	117	14,694	7,100	
Am. Type Cheeses, Excl. Cheddar	Lb.	407	445	14,126	8,650	
All Other Cheeses	Lb.	1,814	4,130	9,643	15,325	
Infant's Dried Milk Base Supplement	Lb.	1,024	1,579	11,518	19,840	
Other Dried Milk Base/Diet Supplement	Lb.	281	560	3,444	6,033	
Ice Cream	Gal.	351	912	1,198	2,993	
Milk Products, NEC	--	0	820	0	7,411	
Whey, Fluid	Gal.	0	0	74	404	
Whey, Dried	Lb.	13,182	6,182	42,805	16,293	
Yogurt and Fermented Milk	Lb.	0	1	1,342	940	
SUBTOTAL -- ALL DAIRY CATTLE AND PRODUCTS			46,389		374,022	12.4
SHEEP						
Sheep, Live	No.	21	627	221	6,766	
Sheep/Lamb Meat, Fresh or Frozen	Lb.	129	217	1,392	2,336	
Sheep and Lamb Offal	Lb.	858	598	9,253	6,445	
Whole Skins, Sheep, Lambs, with Wool	No.	176	599	1,896	6,456	
Sheep, Lamb Skins w/o Wool	No.	189	849	2,033	9,155	
SUBTOTAL -- ALL SHEEP, LAMB AND PRODUCTS			2,890		31,158	9.3
CHICKENS						
Baby Chicks, Breeder Stock	No.	151	508	13,198	47,493	
Baby Chicks, Excl. Breeder Stock	No.	105	74	14,824	7,823	
Chickens, Fresh/Frozen, Whole/Young	Lb.	414	230	30,949	17,528	
Other Chickens, Fresh/Frozen, Whole	Lb.	173	102	16,662	9,444	
Chicken Parts, Fresh or Frozen	Lb.	8,126	4,436	400,807	192,957	
Eggs for Hatching	Doz.	74	343	15,858	26,929	
Other Eggs, in Shell	Doz.	5,339	3,446	13,269	10,027	
Dried Egg Whites	Lb.	1,261	1,855	6,961	9,869	
Dried Whole Eggs	Lb.	568	940	1,633	2,446	
Egg Whites, Not Dried	Lb.	3,686	1,252	15,573	5,462	
Other Eggs, Not Dried	Lb.	524	515	1,803	1,483	
SUBTOTAL -- ALL CHICKENS AND PRODUCTS			13,701		331,461	4.1

TABLE 5. CALIFORNIA'A PRINCIPAL AGRICULTURAL EXPORTS WITH COMPARISONS TO U.S. TOTAL AGRICULTURAL EXPORTS, CALENDAR YEAR 1983 (cont'd)

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Percentage of U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
TURKEYS		000 Units	000 $	000 Units	000 $	Percent
Turkey Poults, Live	No.	17	55	1,766	1,996	
Whole Turkeys, Fresh or Frozen	Lb.	2,067	1,630	10,499	8,020	
Turkey Parts, Fresh or Frozen	Lb.	6,274	3,125	36,823	20,213	
SUBTOTAL -- ALL TURKEYS AND PRODUCTS			4,810		30,229	15.9
SUBTOTAL -- ALL LIVESTOCK			143,301		2,710,318	5.3
TOTAL -- PRINCIPAL COMMODITIES			2,604,290			
TOTAL -- ALL OTHER COMMODITIES			448,873			
TOTAL -- ALL AGRICULTURAL EXPORTS			3,053,163		36,098,000	8.5

LIST OF ABBREVIATIONS

AVG	Average
BEV	Beverages
BU	Bushels
CND	Canned
CON	Concentrated Concentrates
COND	Condensed
CRCSS	Carcass
CRD	Carded
CWT	Hundredweight 100 Pounds
DOZ	Dozen
DRD	Dried
DRM	Durum
EVAP	Evaporated
FLR	Flour
FR	Fresh
FRZ	Frozen
GAL	Gallon
INC	Including
LB	Pound
LTS	Liters
N/ NT	Not
NEC Nec	Not Elsewhere Classified
NO	Number
NOT CON	Not Concentrated
NSPF n.s.p.f.	Not Specifically Provided For
OTH	Other
OV	Over
OZ	Ounces
PC	Piece
PRBL	Parboiled
PREP	Preparations, Prepared
PRES	Preserved
RBA	Running Bale 480 Lbs. Net Avg.
RELF	Relief
SC	Sauce
SHLLD	Shelled
S/SG S/S Gal	Single Strength Gallon
S/Ton STN	Short Ton 2,000 Lbs.
VEG	Vegetable
W/	With
Wg. W. Gal.	Wine Gallon
W/O	Without
X EX EXC	Excluding/ Except

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